

How to change: VW Passat 3C B6 Variant rear brake discs – replacement guide

 VIDEO TUTORIAL

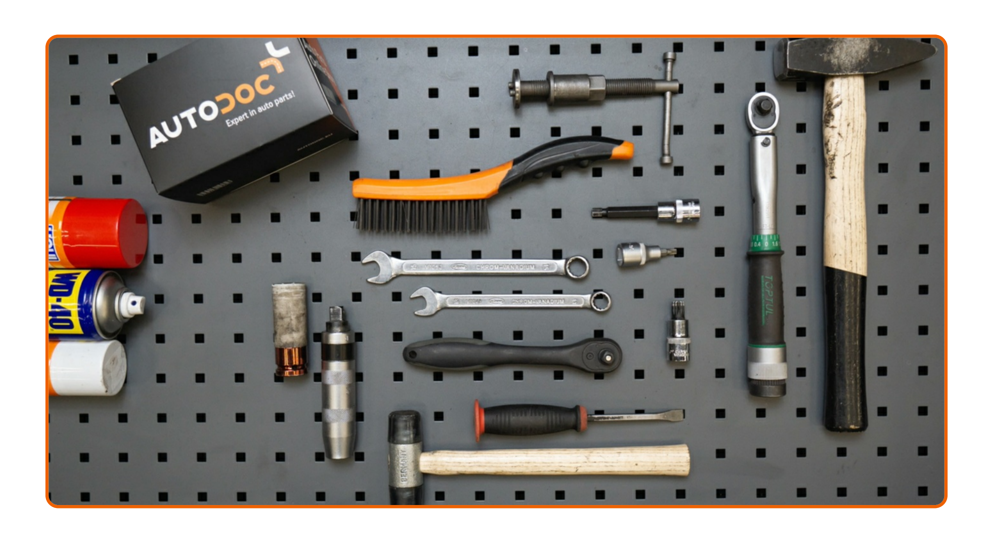
Important!

This replacement procedure can be used for:
VW PASSAT (3C2) 2.0 TDI, VW PASSAT (3C2) 2.0 TDI 4motion, VW PASSAT Variant (3C5) 2.0 TDI, VW PASSAT Variant (3C5) 2.0 TDI 4motion

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The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – PASSAT 3C5. TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Drive socket # 13
- XZN socket bit # 16
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Hammer
- Tap wrench
- Impact screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

Replacement: brake discs – VW Passat B6 3C Variant. AUTODOC recommends:

- Replace the brake disks on the car VW Passat 3C B6 Variant in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – PASSAT VARIANT B6. TAKE THE FOLLOWING STEPS:

1



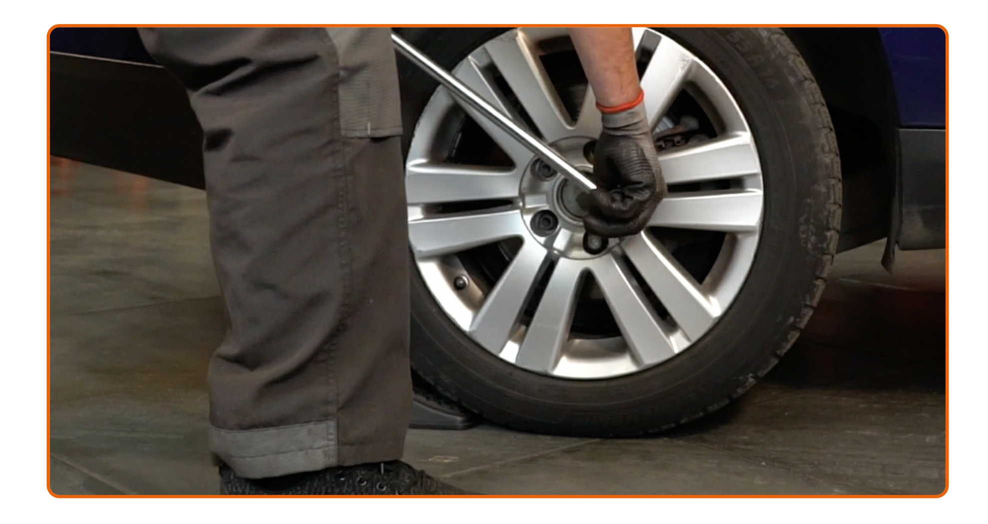
Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

Replacement: brake discs – VW Passat 3C5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Put the parking brake system into service mode.

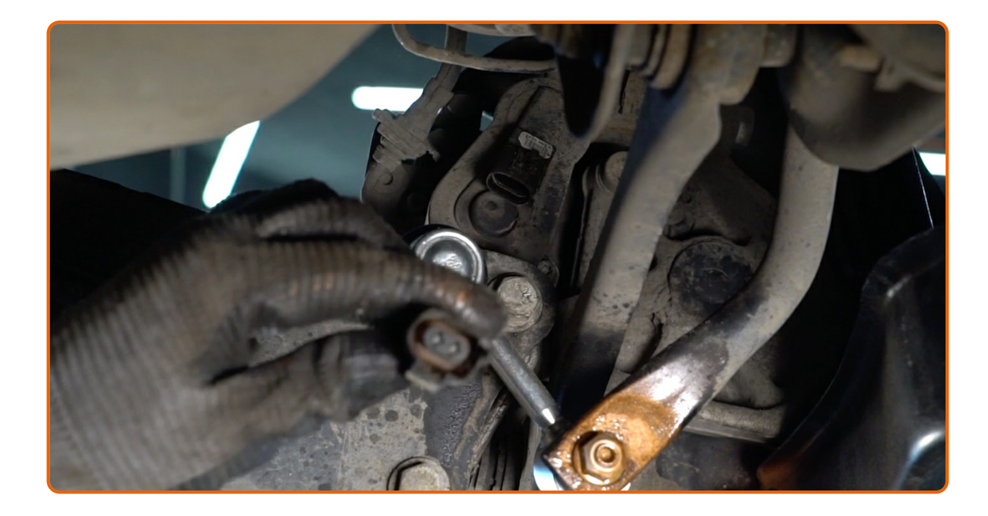


8



Clean the parking brake connector. Use a wire brush. Use all-purpose cleaning spray.

9



Unplug the parking brake connector.

10



Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

11

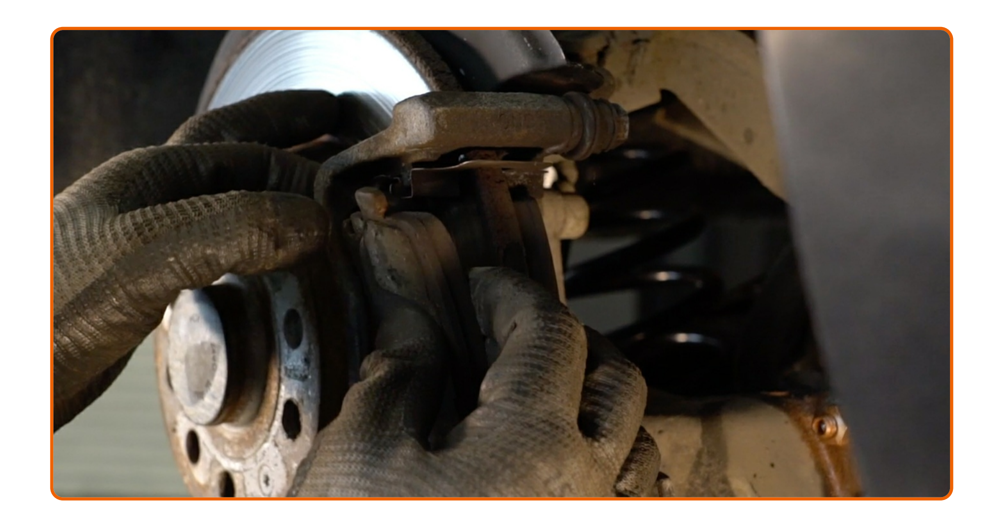


Remove the brake caliper.

Replacement: brake discs – Passat B6 3C Variant. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12



Remove the brake pads. Use a crowbar.

13



Remove the hub bearing protection cap. Use a crowbar. Use a hammer.

Please note!

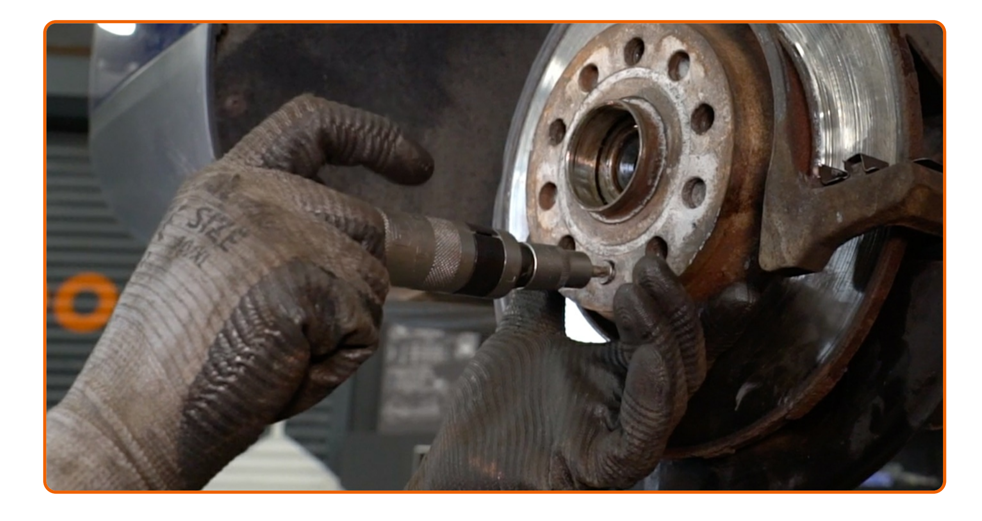
- Some cars are not equipped with wheel hub caps.

14



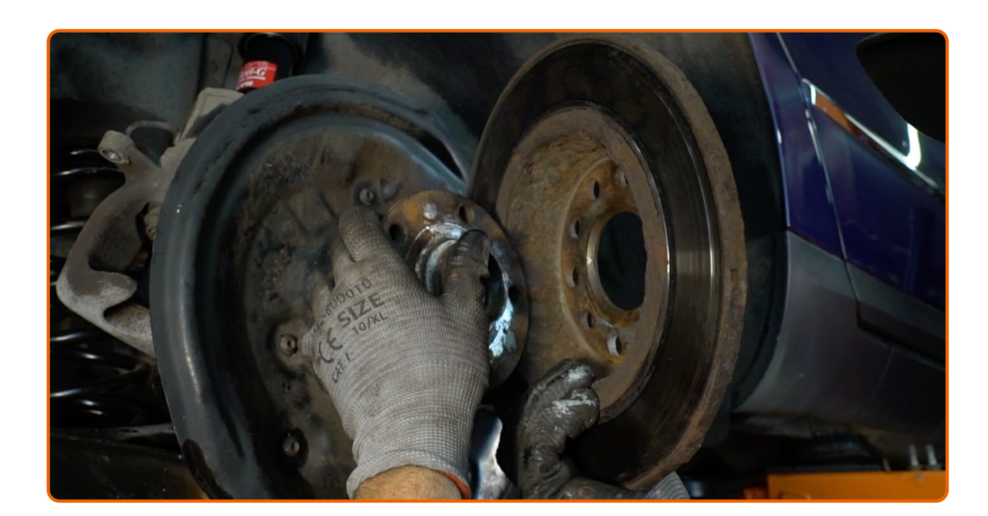
Unscrew the hub bearing mounting. Use XZN #16. Use a tap wrench.

15



Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

16



Remove the brake disc.

17

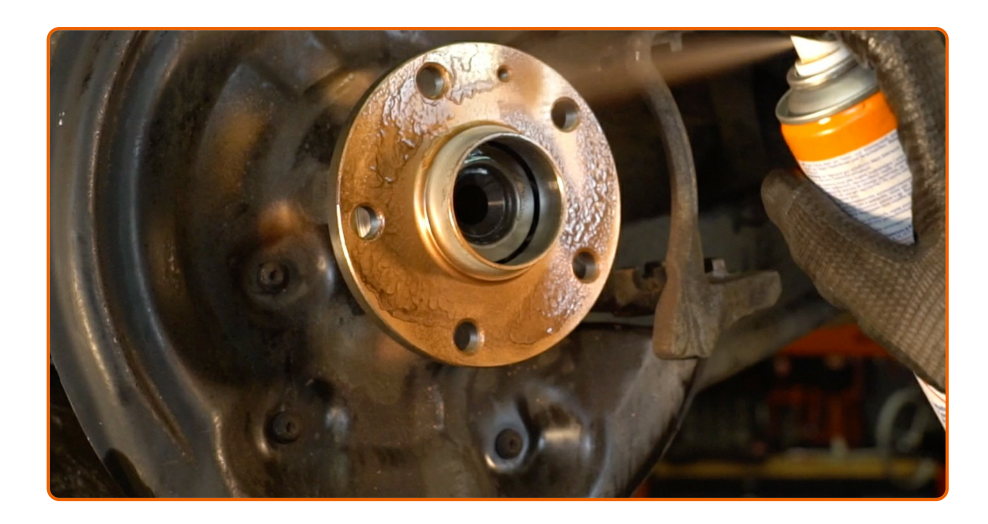


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – VW Passat Variant B6. After applying the spray, wait a few minutes.

18



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19



Install the brake disc.

20



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21



Tighten the fastener of the wheel hub bearing. Use XZN #16. Use a torque wrench. Tighten it to 145 Nm torque.

22



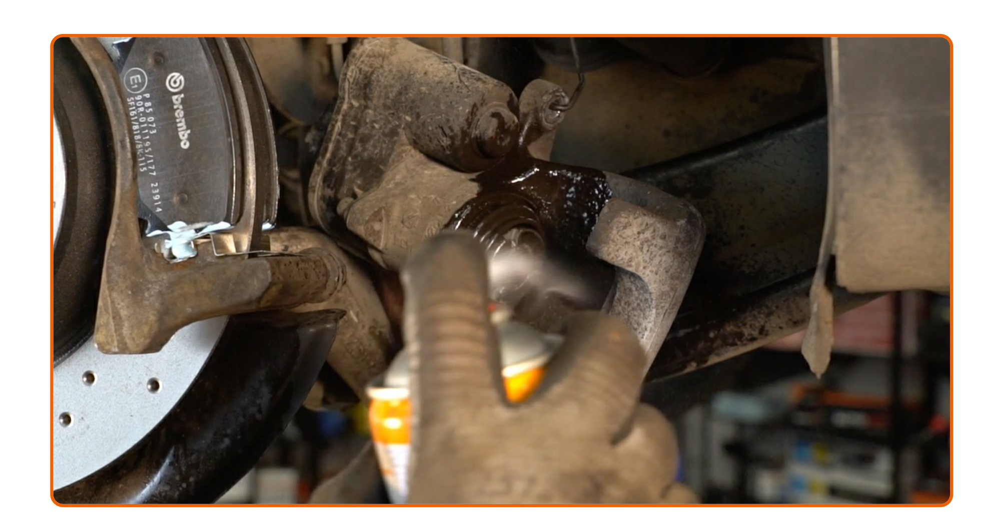
Install the hub bearing protection cap. Use a rubber mallet.

23



Install the brake pads.

24

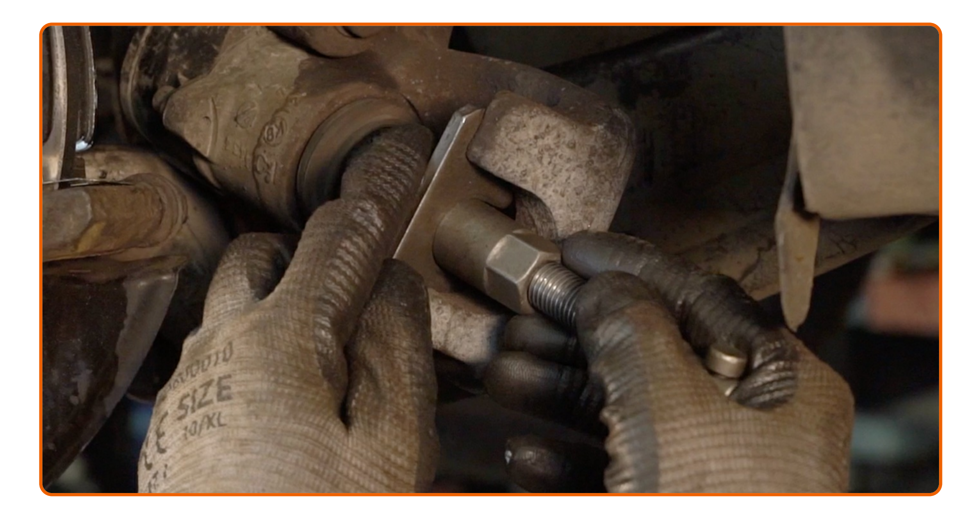


Treat the brake caliper piston. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – Passat 3C5. Professionals recommend:

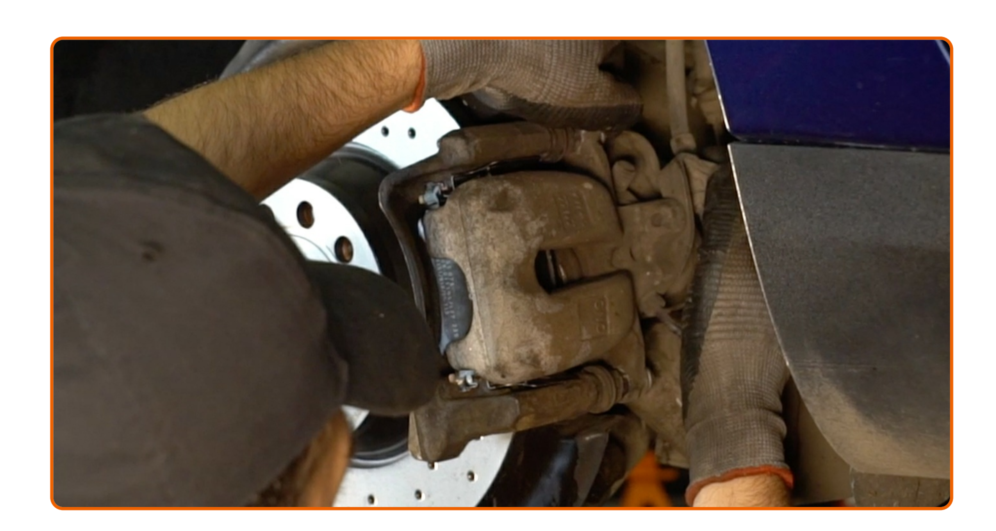
- After applying the spray, wait a few minutes.

25



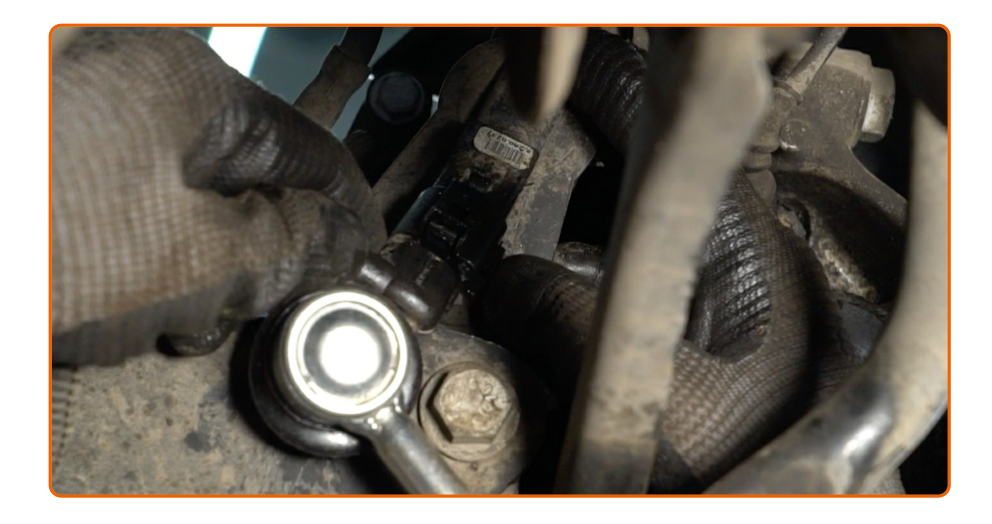
Press in the brake caliper piston. Use brake caliper wind back tool.

26



Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

27



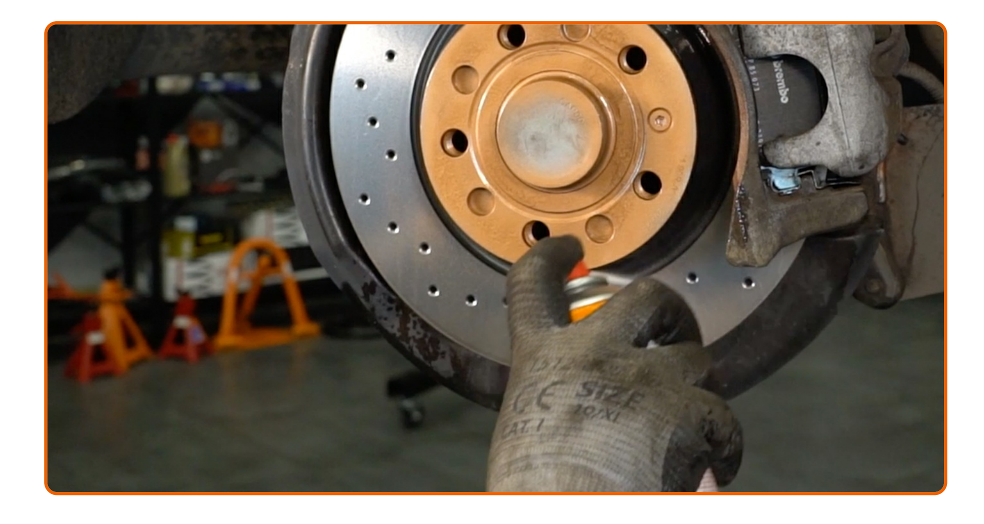
Plug in the parking brake connector.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29



Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – VW Passat B6 3C Variant. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

30



Install the wheel.

AUTODOC recommends:

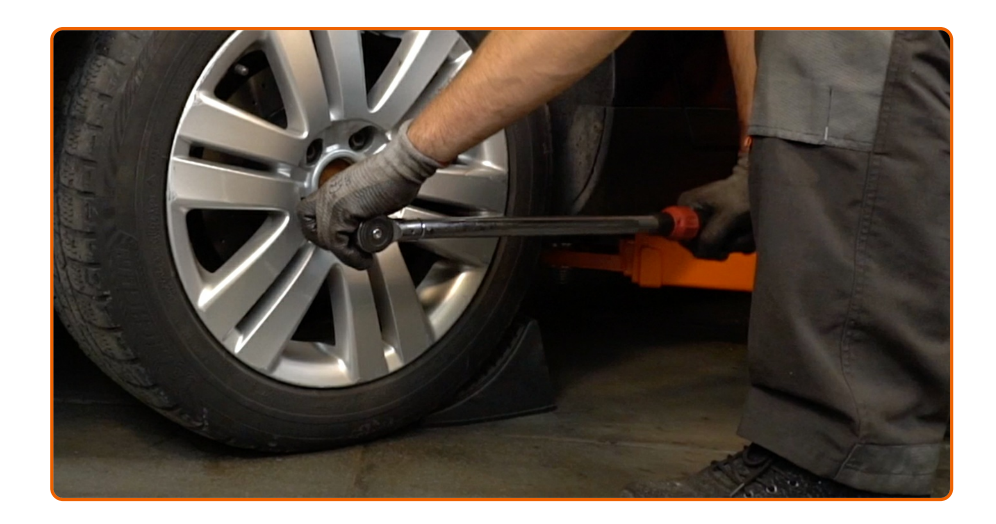
- Important! Hold the wheel while screwing in the fastening bolts. VW Passat 3C5

31



Screw in the wheel bolts. Use wheel impact socket #17.

32



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

33



Remove the jacks and chocks.

Replacement: brake discs – Passat Variant B6. Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

34



Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- VW Passat B6 3C Variant – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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